



Product Information

Z-Ile-Leu-aldehyde

Cat. No.: X23-12-YM272

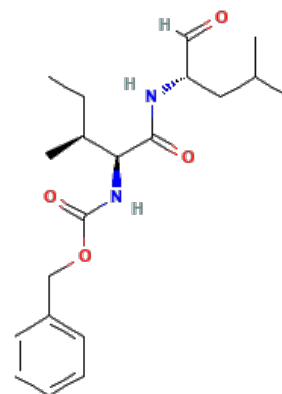
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 161710-10-7

PubChem CID: 44366908

Synonym: 161710-10-7; Z-IL-CHO; GSI-XII

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Z-Ile-Leu-aldehyde inhibits the activity of proteases, which are enzymes involved in the breakdown of proteins.
Molecular Weight	362.46
Molecular Formula	C ₂₀ H ₃₀ N ₂ O ₄
IUPAC Name	Benzyl N-[(2S, 3S)-3-methyl-1-[[[(2S)-4-methyl-1-oxopentan-2-yl]amino]-1-oxopentan-2-yl]carbamate
InChI	InChI=1S/C20H30N2O4/c1-5-15(4)18(19(24)21-17(12-23)11-14(2)3)22-20(25)26-13-16-9-7-6-8-10-16/h6-10, 12, 14-15, 17-18H, 5, 11, 13H2, 1-4H3, (H, 21, 24)(H, 22, 25)/t15-, 17-, 18-/m0/s1
InChI Key	WJQLUFQGNVGLKR-SZMVWBNQSA-N
Canonical SMILES	CCC(C)C(C(=O)NC(CC(C)C)C(=O)NC(=O)OCC1=CC=CC=C1
Isomeric SMILES	CC[C@H](C)[C@@H](C(=O)N[C@@H](CC(C)C)C(=O)NC(=O)OCC1=CC=CC=C1
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Z-Ile-Leu-aldehyde can be studied in research related to apoptosis, or programmed cell death.
Storage	Store at -20°C, and keep desiccated.